

THE SOUTH FORK SEWER DISTRICT & IDAHO DEPARTMENT OF COMMERCE PARTNERSHIP

Presented by: Ross Stout, SFCRSD
sfcrsd@usamedia.tv

Stephen P. James, J-U-B
sjames@jub.com

Idaho Department of Commerce Workshop
Bayview, Idaho
May 4, 2011



J-U-B ENGINEERS, Inc.
ENGINEERS • SURVEYORS • PLANNERS

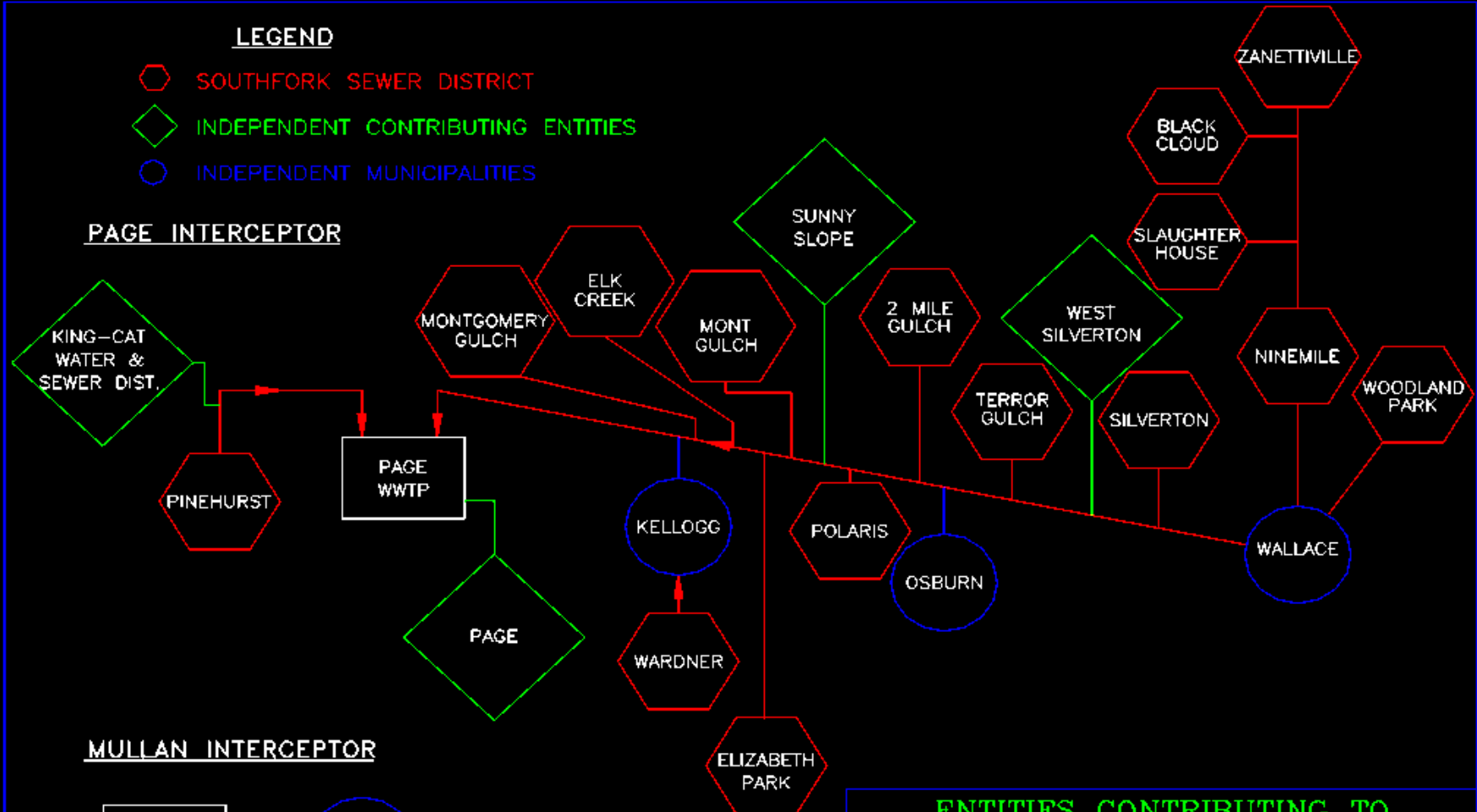


South Fork Sewer District

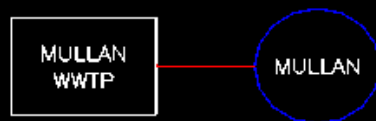
LEGEND

-  SOUTH FORK SEWER DISTRICT
-  INDEPENDENT CONTRIBUTING ENTITIES
-  INDEPENDENT MUNICIPALITIES

PAGE INTERCEPTOR



MULLAN INTERCEPTOR



ENTITIES CONTRIBUTING TO PAGE AND MULLAN WWTP



Engineers Surveyors Planners

SCALE: 1"=1'

J-U-B ENGINEERS, INC.
Engineers Surveyors Planners
Coeur d'Alene, Idaho

ACAD.DWG FILE: PAGE-ENTITIES PLT.SC. (1=1)

DE. SPJ DR. TLR CK. SPJ SHEET OF

DATE: AUG. 1999

DWG NO. PROJ#20302

2001 – Page WWTP



CDBG = \$500,000

2002 – Black Cloud Imminent Threat



CDBG = \$31,000



J-U-B ENGINEERS, Inc.
ENGINEERS • SURVEYORS • PLANNERS

2003 – Siverton and Pinehurst*



CDBG = \$475,000

2003 – Siverton and Pinehurst



J-U-B ENGINEERS, Inc.
ENGINEERS • SURVEYORS • PLANNERS

2005 – Mullan WWTP



CDBG = \$500,000

Block Grant

- ▣ Special considerations
 - Income surveys since not just one municipality.
 - District was like taking care of 23 entities in 3 projects (Note: still a lot of work to do, but a good head start)
 - Funding was for both treatment and collections
 - All grant funds leveraged by either District funds or bond funds
 - Great grant writing makes a huge difference
 - Engineering needs to be well thought out and focused on providing the most “bang for the buck”



REGIONALIZATION

- ▣ What is it?
 - A central system that treats wastewater from two or more municipal entities.
 - Can be set up to:
 - ▣ Just provide treatment
 - ▣ Collect some wastewater and treat all of it
 - ▣ Collect and treat all wastewater



REGIONALIZATION - CONT'D

- ▣ When should it be considered
 - Operator shortages
 - Multiple entities are geographically close
 - Watershed issues (TMDL, Water Reuse)
 - Limited land available for treatment facilities



REGIONALIZATION – CONT'D

- ▣ What are the benefits
 - Economy of scale – larger rate base
 - Dedicated funds so when grant opportunities come up, there are matching funds
 - Dedicated, focused, professional staff
 - Operations tend to be less impacted by politics
 - More attractive for granting agencies (more leverage)



REGIONALIZATION – CONT'D

- ▣ On-going challenges
 - Satellite systems – limited control
 - Aging staff and infrastructure
 - ▣ Economy has impacted ability to make improvements
 - ▣ Should have been saving money earlier
 - Larger discharge = more significant permit requirements
 - ▣ Metals
 - ▣ Variance
 - ▣ Future phosphorus?



Questions?



J-U-B ENGINEERS, Inc.
ENGINEERS • SURVEYORS • PLANNERS